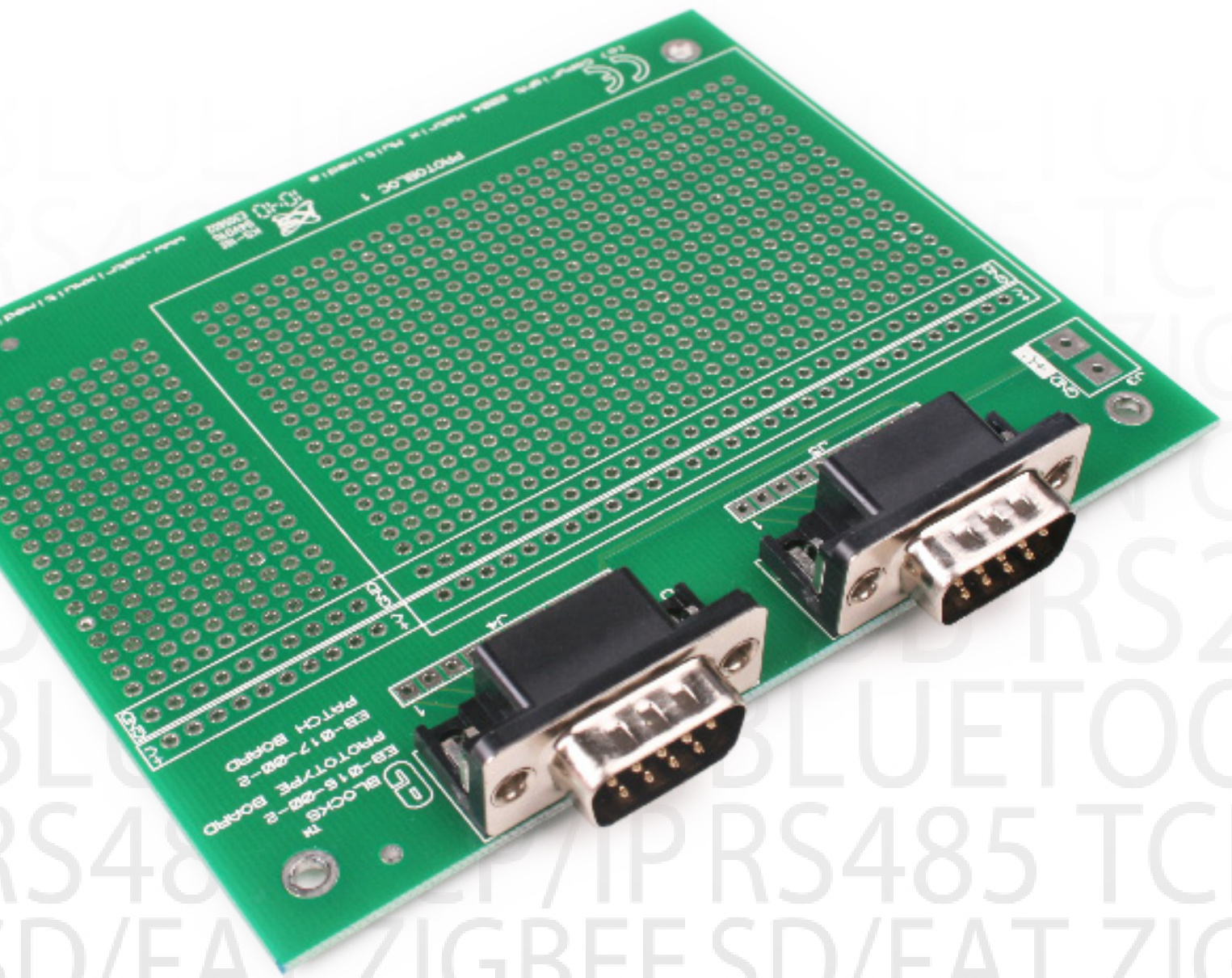


EBLOCKS[®]

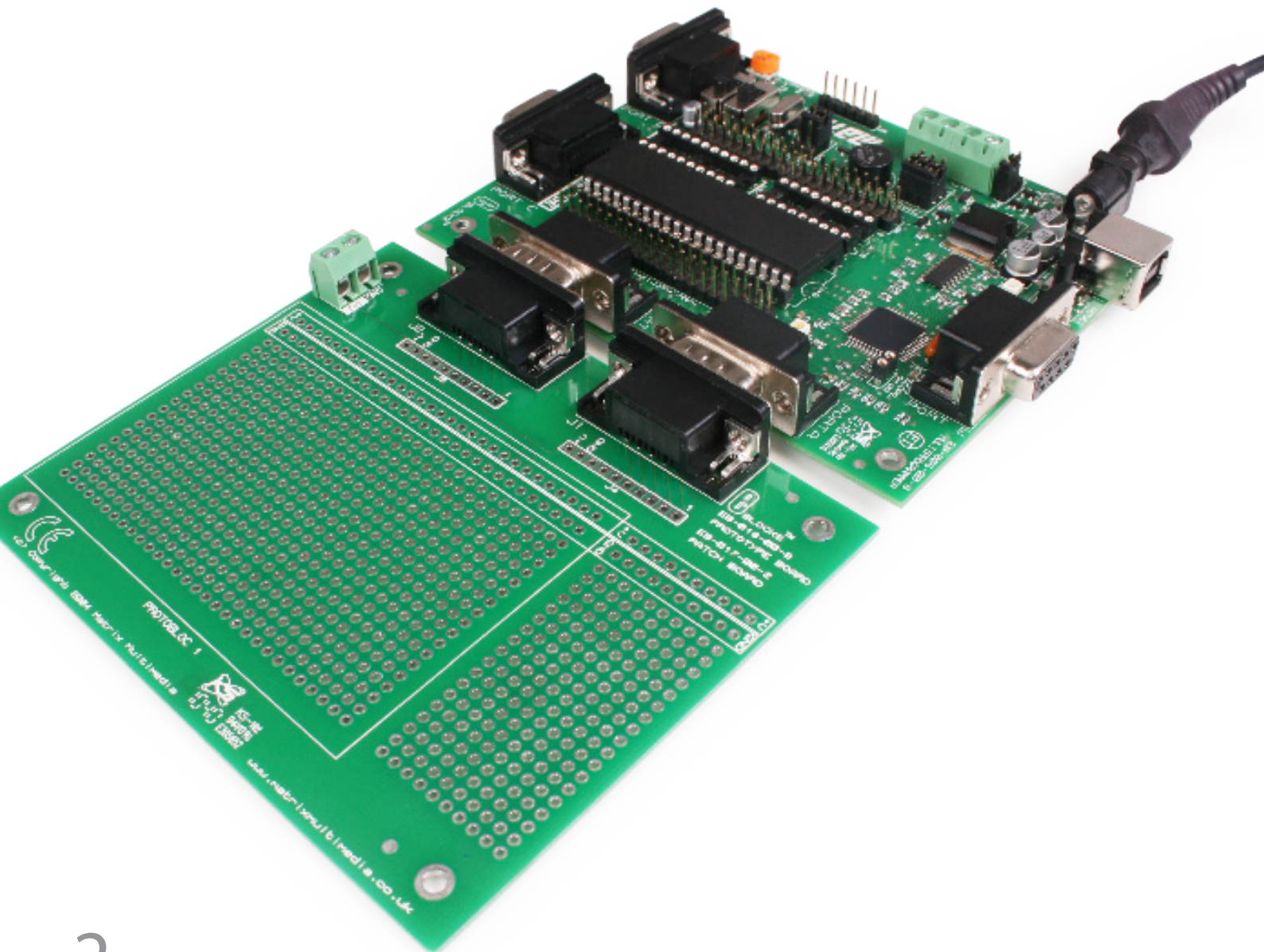
Patch board



EBLOCKS[™]
EB-016-00-2 BOARD
PROTOTYPE BOARD
EB-017-00-8
PATCH BOARD

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About this document

This document concerns the EB017 E-blocks patch board.

1. Trademarks and copyright

PIC and PICmicro are registered trademarks of Arizona Microchip Inc. E-blocks is a trademark of Matrix Technology Solutions Ltd.

2. Disclaimer

The information provided within this document is correct at the time of going to press. Matrix TSL reserves the right to change specifications from time to time.

3. Testing this product

It is advisable to test the product upon receiving it to ensure it works correctly. Matrix provides test procedures

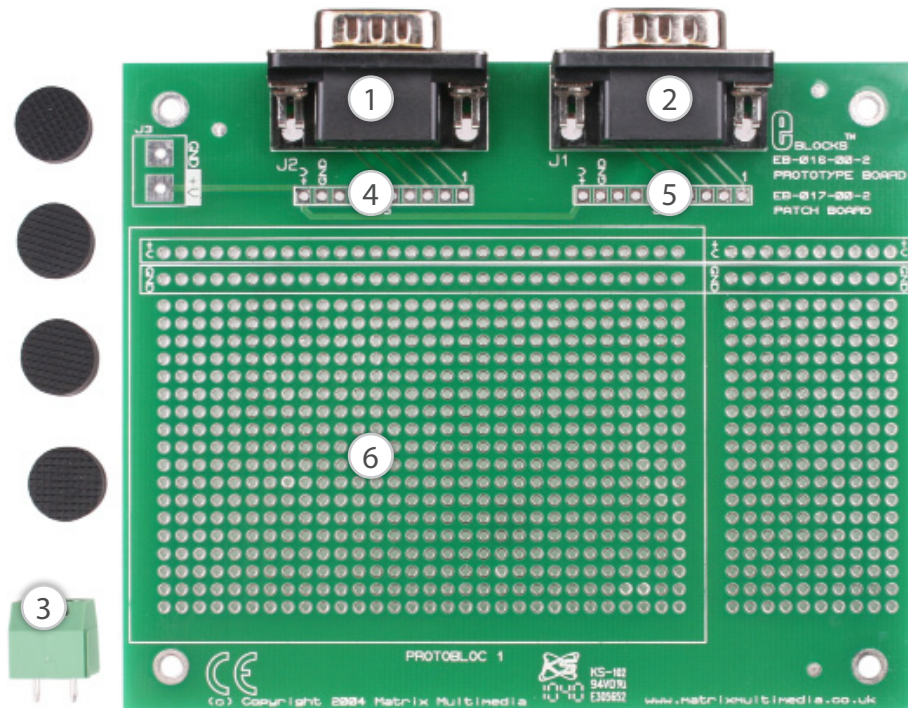
for all E-blocks, which can be found in the Support section of the website.

4. Product support

If you require support for this product then please visit the Matrix website, which contains many learning resources for the E-blocks series. On our website you will find:

- How to get started with E-blocks - if you are new to E-blocks and wish to learn how to use them from the beginning there are resources available to help.
- Relevant software and hardware that allow you to use your E-blocks product better.
- Example files and programs.
- Ways to get technical support for your product, either via the forums or by contacting us directly.

Board layout



1. 9-way D-type socket
2. 9-way D-type socket
3. Screw terminal
4. Pin connector for D-type socket
5. Pin connector for D-type socket
6. Patch area

General information

This E-block contains a small patch board for developing circuits and projects. Connectors for two E-block ports allow prototype wires and leads to be connected to the rows and columns on the prototype board.

This E-block is used where there is a requirement to set up semi-permanent dedicated E-blocks. This E-block is

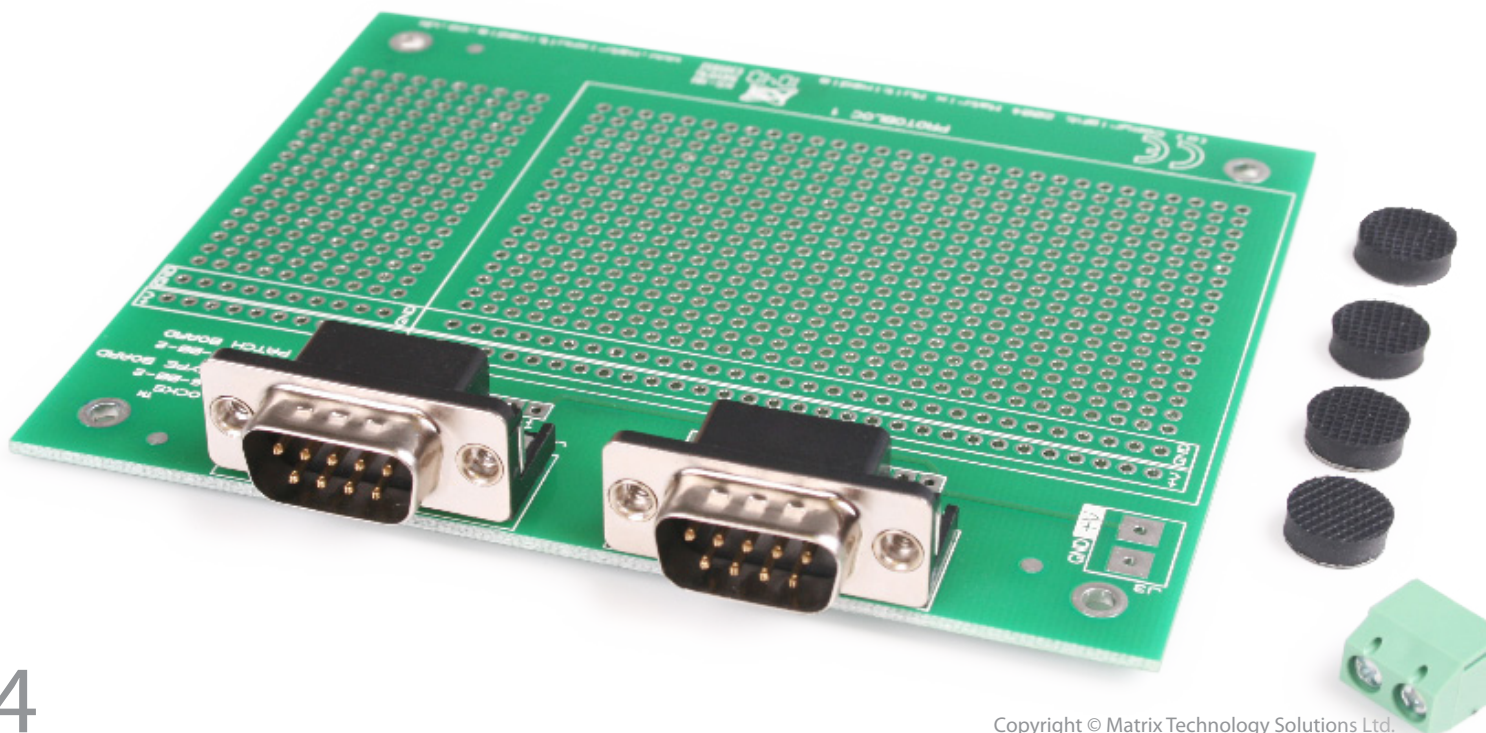
supplied in kit form - the D-type connectors need to be soldered into place.

1. Features
 - 40 x 18 hole proto area
 - Separate lines for power rails

Circuit description

The patch board is fairly straightforward to use as it functions like any other patch board. The patch area allows you to develop custom electronic projects on the grid network. It is then possible to connect any I/O to an upstream board via the header pins which

are connected directly to the associated 9-way D-type connector. Access to "+V" and "GND" can be made using wires from the header pins or there are dedicated lines. Although this does assume you have connected "+V" to the screw terminals.



Circuit diagram

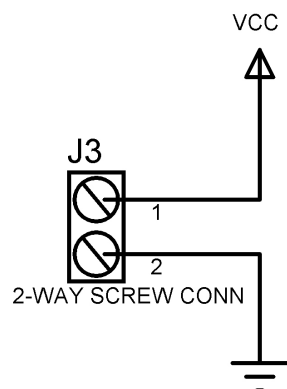
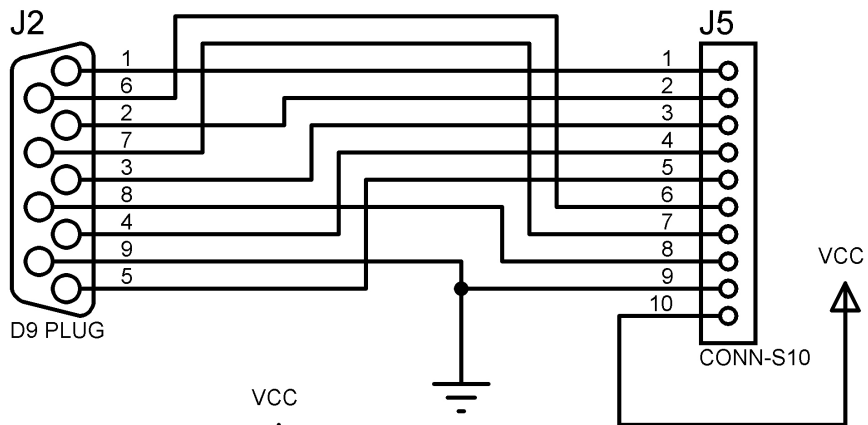
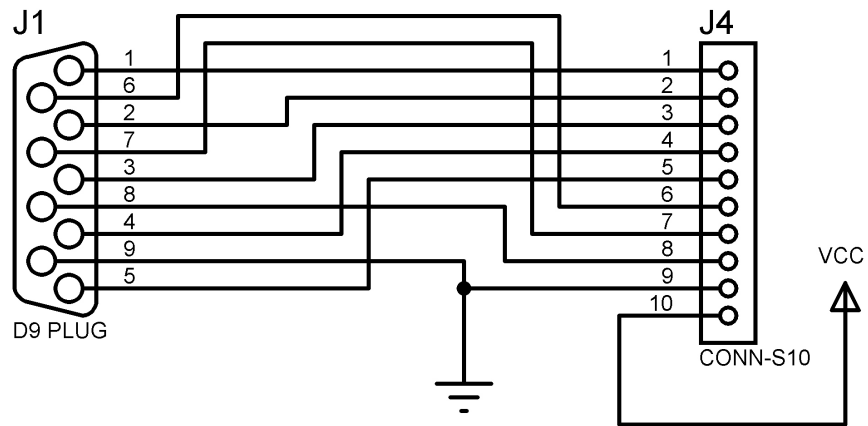
THIS SYSTEM INCLUDES:-

→ PROTOBLOC

→ F1 FEET
→ F2 FEET
→ F3 FEET
→ F4 FEET
→ F5 FEET

→ B1 BAG

→ L1 LABEL





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